

June 1896. *at Liverpool Observatory, 1895.*

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Greenwich Mean Time of Observation.			Perrine's Comet (c 1895).			Brooks' Comet (d 1895).			Log. Factor of Parallax in (a).			Letter of Reference.
	No. of Comparisons (a).	No. of Comparisons (a).	Apparent R.A. of ϕ .	Apparent R.A. of ϕ .	Apparent Declination.	No. of Comparisons (a).	No. of Comparisons (a).	Apparent Declination of ϕ .	Apparent Declination of ϕ .	Apparent Declination of ϕ .		
1895.												
Nov. 18	17 14 21.1	+ 7 21.26	25	13 48 8.80	-2 15.2	5	+ 0 49 55.7	0.6951	0.8555	a		
23	17 11 4.0	+ 0 34.90	20	14 0 36.94	-0 51.2	4	- 2 4 47.0	0.6926	0.8509	b		
Dec. 1	17 34 16.3	+ 2 36.71	20	14 30 58.12	+ 7 17.8	4	- 8 54 58.1	0.6774	0.8641	c		
2	17 59 6.4	+ 3 1.12	15	14 36 24.92	+ 1 46.1	4	- 10 4 33.6	0.6537	0.8703	d		
2	17 59 6.4	+ 1 17.33	15	14 36 25.18	+ 4 5.9	4	- 10 4 37.0	0.6537	0.8703	e		

Notes.

November 18.—Comet bright, with some indications of a tail.

November 23.—Comet well seen notwithstanding comparatively low altitude.

December 1 and 2.—Comet bright and easily seen; the comparison stars very faint on account of low altitude; sky transparent.

Notes.

Perrine's Comet (c 1895).			Brooks' Comet (d 1895).		
	No. of Comparisons (a).	No. of Comparisons (a).		No. of Comparisons (a).	No. of Comparisons (a).
Nov. 28	16 40 30.0	- 1 23.22	Ret.	9 25 56.43	- 0 17.7
29	16 44 27.2	- 1 55.23	"	9 20 51.02	- 7 1.9
Dec. 9	10 0 5.5	+ 1 46.10	"	7 57 33.90	- 2 50.3
9	10 0 5.5	+ 0 2.60	"	7 57 33.57	+ 2 57.2
11	9 23 30.0	- 5 23.41	"	7 29 48.72	+ 7 46.3

November 28.—Comet faint and without condensation.

November 29.—The observations very discordant.

December 11.—Sky somewhat overcast. The differences of declination differ in the several transits.

Liverpool Observatory:
1896 June 10.

P

*Mean Places of Stars of Comparison.**Encke's Comet.*

Date.	Star's Designation or Authority for Places.	Mean R.A. Equinox of Year. h m s	Correction to Mean R.A. s	Mean Declination. Equinox of Year. ° ' "	Correction to Mean Declination. ° ' "	Letter of Reference.
1894. Dec. 19	Albany, A.G.Z., No. 7744	22 12 9.27	+ 2.36	+ 4° 36' 53.9"	+ 15.5"	a
20	" " No. 7761	22 19 0.03	+ 2.38	+ 4 31 27.1	+ 15.7	b
20	" " No. 7754	22 16 4.71	+ 2.36	+ 4 30 6.3	+ 15.6	c
27	" " No. 7746	22 13 29.60	+ 2.33	+ 3 36 47.7	+ 14.7	d
27	" " No. 7747	22 14 14.36	+ 2.33	+ 3 43 32.4	+ 14.8	e
30	" " No. 7752	22 15 39.58	+ 2.30	+ 3 9 2.8	+ 14.4	f
31	" " No. 7752	...	+ 2.32	...	+ 14.3	f
1895. Jan. 8	Munich Cat., No. 30666	22 13 21.08	- 0.75	+ 1 45 55.9	- 4.8	g
18	" " No. 30061	21 56 20.37	- 0.80	- 1 37 57.9	- 7.0	h
22	Yarneau (1860) No. 9829	21 47 16.50	- 0.79	- 4 29 8.0	- 8.0	i
22	Sabatier, No. 8850	21 42 39.39	- 0.80	- 4 27 50.5	- 8.0	j
23	Stone (Brad.), No. 5858	21 38 54.39	- 0.80	- 5 12 43.7	- 8.3	k
23	Glasgow (1870), No. 5580	21 41 55.17	- 0.80	- 5 5 39.1	- 8.2	l

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Swift's Comet (a 1895).									
Date.	Star's Designation or Authority for Places.	Mean R.A.	Correction to Mean R.A.	Mean Declination.	Correction to Mean Declination.	Letter of Reference.			
1895.		Equinox of Year. h m s		Equinox of Year. h m s					
Aug. 24	Yarnall (1860), No. 359	0 37 50.93	+ 3.26	+ 5 59 42.3	+ 22.5	a			
27	" " No. 359	...	+ 3.32	...	+ 22.8	a			
28	60 Piscium	0 41 57.74	+ 3.34	+ 6 10 43	+ 23.1	b			
28	Schjellerup, No. 303	0 47 14.26	+ 3.33	+ 6 5 43.9	+ 23.1	c			
Sept. 23	Albany, A.G.Z., No. 396	1 20 52.78	+ 3.72	+ 5 5 54.9	+ 26.4	d			
23	Bonn, D.M., 4°, No. 247	1 19 33.66	+ 3.72	+ 5 10 34.2	+ 26.3	e*			
25	Albany, A.G.Z., No. 396	1 20 52.78	+ 3.73	+ 5 5 54.9	+ 26.4	d			
25	Bonn, D.M., 4°, No. 247	1 19 33.66	+ 3.74	+ 5 10 34.2	+ 26.5	e*			
26	Albany, A.G.Z., No. 402	1 22 5.28	+ 3.75	+ 4 57 17.8	+ 26.5	f			
27	" " No. 402	...	+ 3.77	...	+ 26.6	f			
27	" " No. 404	1 22 12.78	+ 3.77	+ 4 48 42.8	+ 26.7	g			
28	" " No. 404	...	+ 3.79	...	+ 26.7	g			
Oct. 13	No. 423	1 27 4.75	+ 3.96	+ 3 42 36.4	+ 27.3	h			
13	" " No. 450	1 30 50.17	+ 3.97	+ 3 46 38.2	+ 27.4	i			
16	" " No. 423	1 27 4.75	+ 3.98	+ 3 42 36.4	+ 27.3	j			
17	" " No. 457	1 28 37.73	+ 3.98	+ 3 35 23.9	+ 27.3	k			
18	" " No. 424	1 27 14.87	+ 3.98	+ 3 32 51.9	+ 27.3	l			

* This star's place has been taken from the *Astronomical Journal*, No. 357.

Perrine's Comet (c 1895).

Date.	Star's Designation or Authority for Places.	Mean R.A. Equinox of Year. h m s	Correction to Mean R.A. s	Mean Declination. Equinox of Year. ° ' "	Correction to Mean Declination. ° ' "	Letter of Reference
Nov. 18 1895.	Albany, A.G.Z., No. 4789	13 40 45.64	+ 1.90	+ 0 52 27.9	- 17.0	a
23	Munich Cat., No. 9819	14 0 0.08	+ 1.96	- 2 5 21.1	- 17.1	b
Dec. 1	" " No. 10285	14 28 19.33	+ 2.08	- 9 1 59.2	- 16.7	c
2	Stone (Rad.), No. 3788	14 33 21.70	+ 2.10	- 10 6 3.1	- 16.6	d
2	Munich Cat., No. 10464	14 37 40.41	+ 2.10	- 10 8 26.3	- 16.6	e

Brooks' Comet (d 1895).

Nov. 28	Munich Cat., No. 4254	9 27 16.10	+ 3.55	+ 2 19 45.2	- 8.5	a
29	Paris Cat., No. 11654	9 22 42.54	+ 3.71	+ 6 21 44.2	- 9.7	b
Dec. 9	Bonn, A.G.Z., No. 6354	7 55 41.29	+ 6.51	+ 48 38 18.9	- 12.0	c
9	" " No. 6375	7 57 24.48	+ 6.49	+ 48 32 26.7	- 12.2	d
11	Helsingfors, A.G.Z., No. 5193	7 35 47.1	+ 7.42	+ 55 1 38.6	- 9.4	e